



PATENT
DOCKET NO.: 176/60192 (6-11405-675, 6-11405-676)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Rosenblatt et al.

Serial No. : 09/016,743

Filed : January 30, 1998

For : CHIMERIC ANTIBODY FUSION PROTEINS
FOR THE RECRUITMENT AND
STIMULATION OF AN ANTITUMOR
IMMUNE RESPONSE

Examiner:
Larry R. Helms, Ph.D.

Art Unit:
1642

15
KD
9-5-00

LETTER TO OFFICIAL DRAFTSMAN

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 CFR § 1.123, Applicants hereby request that Figures 4, 6, 14,
and 15 be amended as shown in red on the attached copies of these drawings. These changes
are consistent with the formal drawings simultaneously submitted herewith.

Respectfully submitted,

Date: August 9, 2000

Michael L. Goldman
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Registration No. 30,727

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Certificate of Mailing - 37 CFR 1.8 (a)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C., 20231, on the date below.	
8/9/00 Date	<u>Wendy L. Harrold</u> Wendy L. Harrold

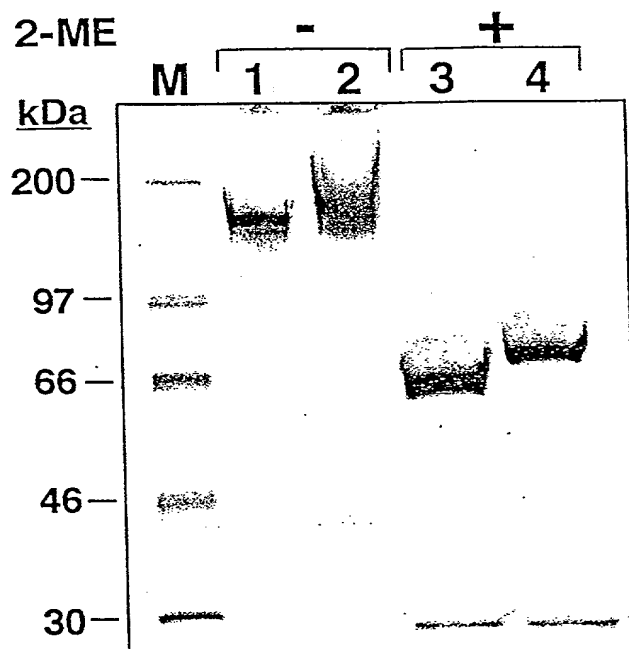


FIG. 4A

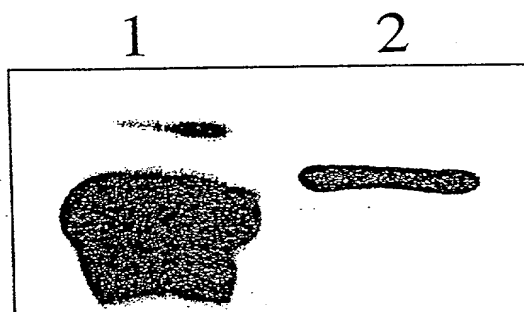


FIG. 4B

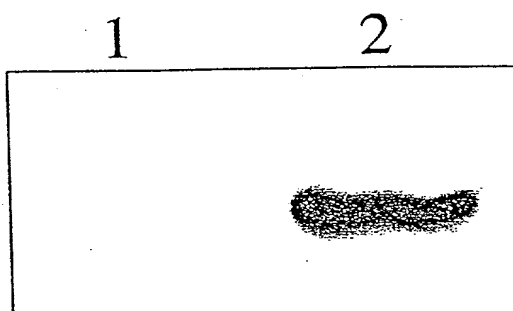


FIG. 4C

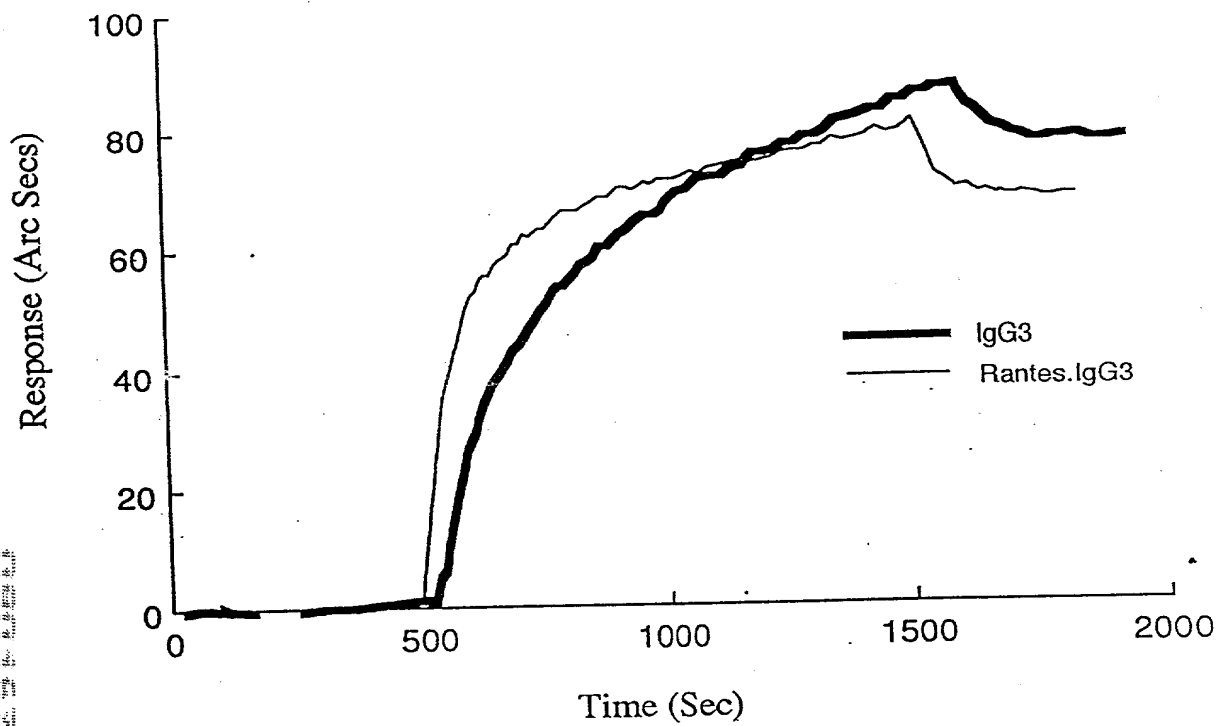


FIG. 6A

	k_a ($M^{-1} s^{-1}$)	k_d (s^{-1})	K_D (M)
IgG3	147867	0.007	7.0×10^{-8}
RANTES.IgG3	153538	0.0082	5.3×10^{-8}

FIG. 6B

FIG. 14B

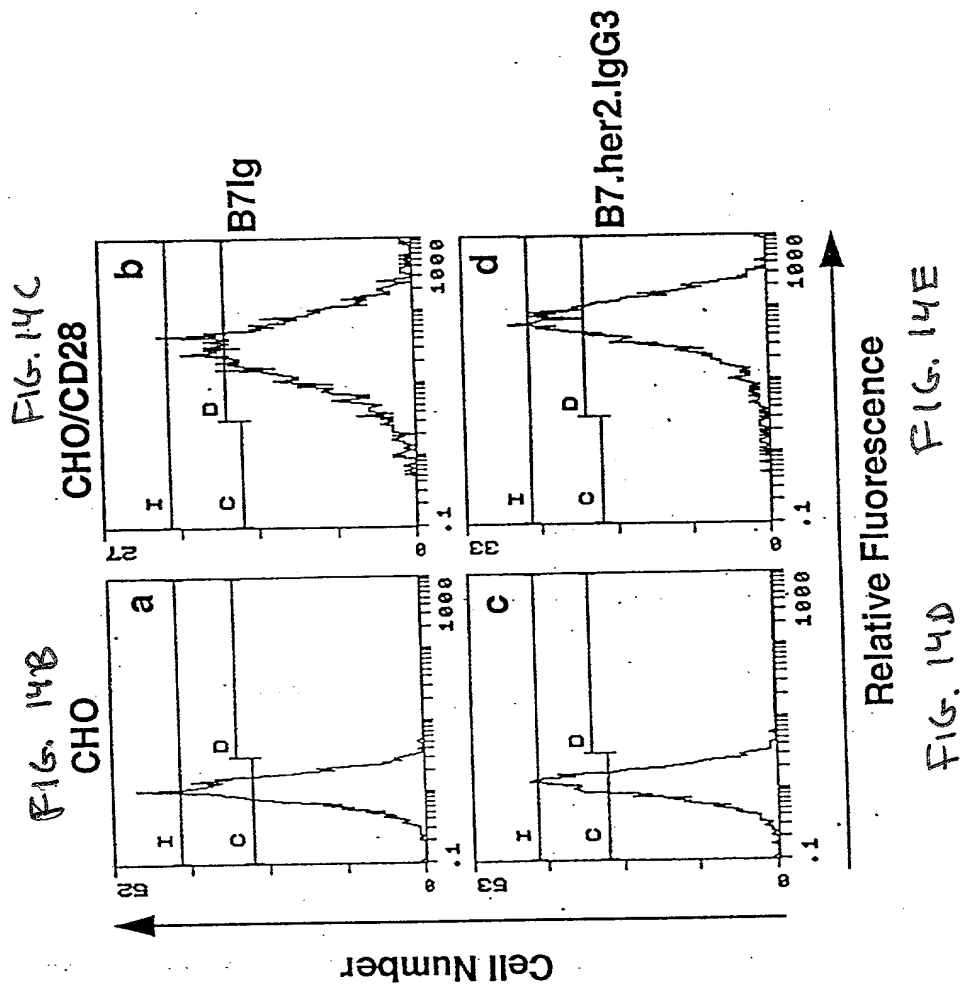


FIGURE 14B

FIG. 15A

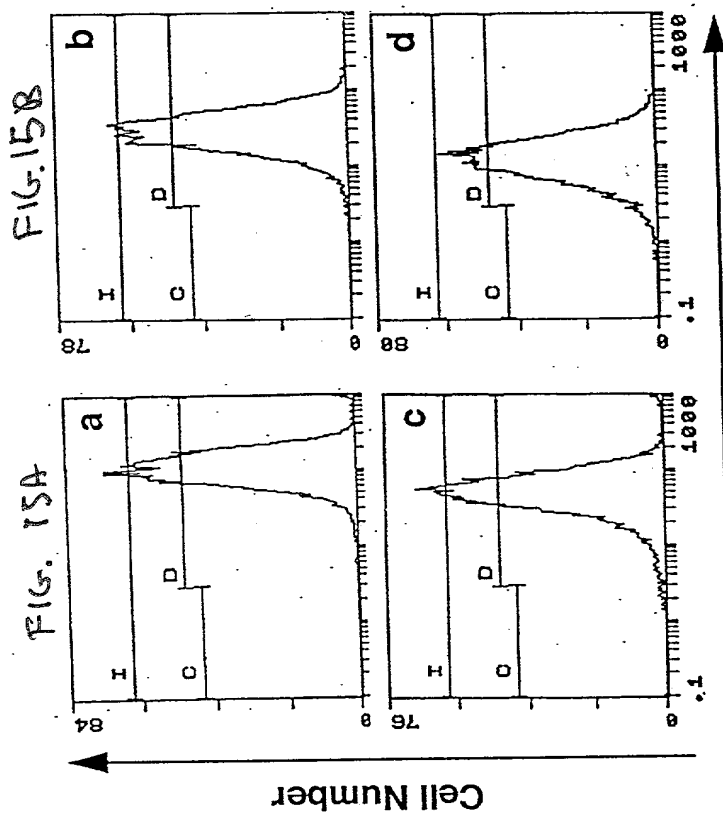


FIGURE 15A

Relative Fluorescence
FIG. 15C

FIG. 15D

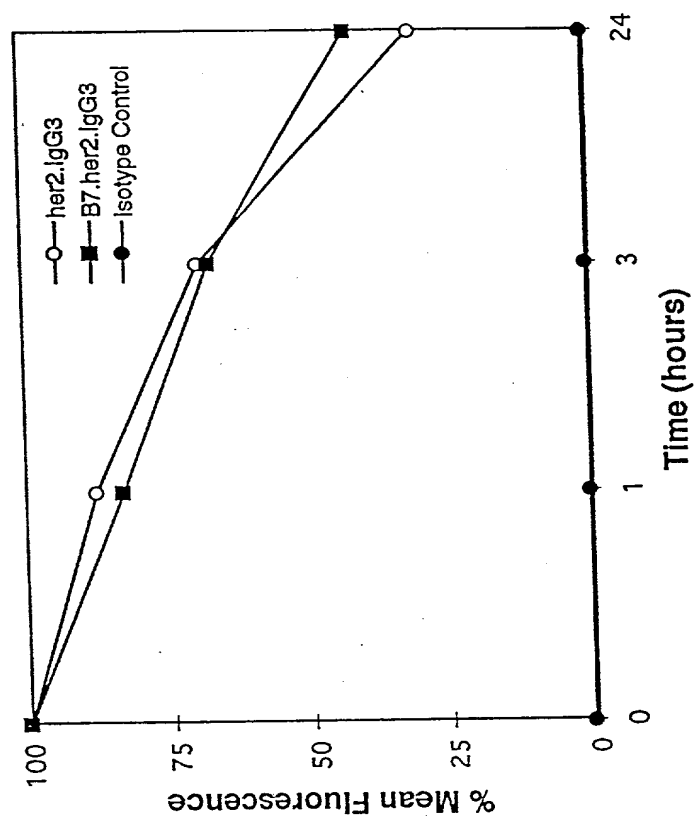


FIG. 15E

FIGURE 15B



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Art Unit:
1642

SUBMISSION OF CORRECTED FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed for filing in the subject application are 22 sheets of corrected formal drawings.

Respectfully submitted,

Date: August 9, 2000

Michael L. Goldman
Registration No. 30,727

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8/9/00 Date	Wendy L. Harrold Wendy L. Harrold

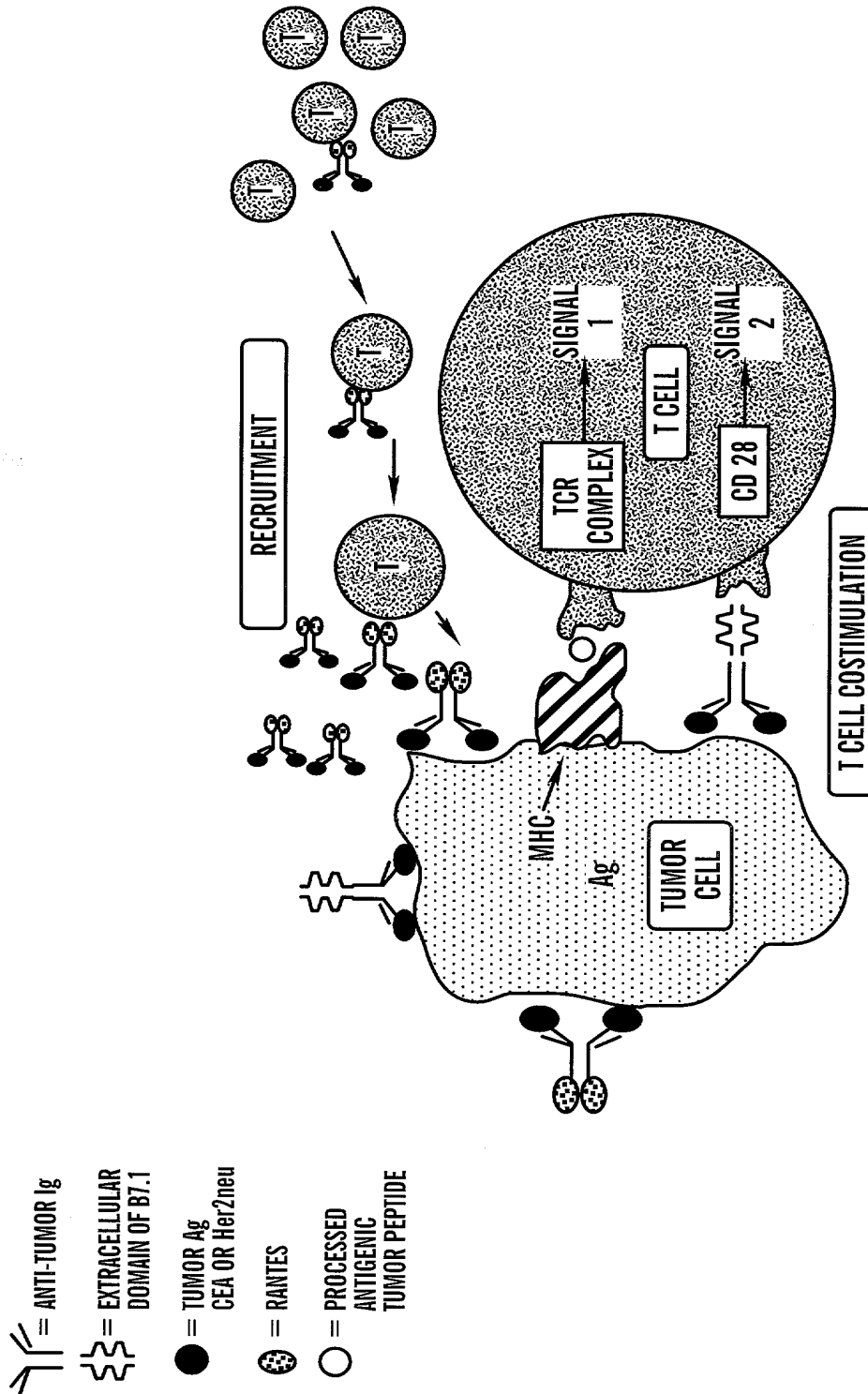


FIG. 1

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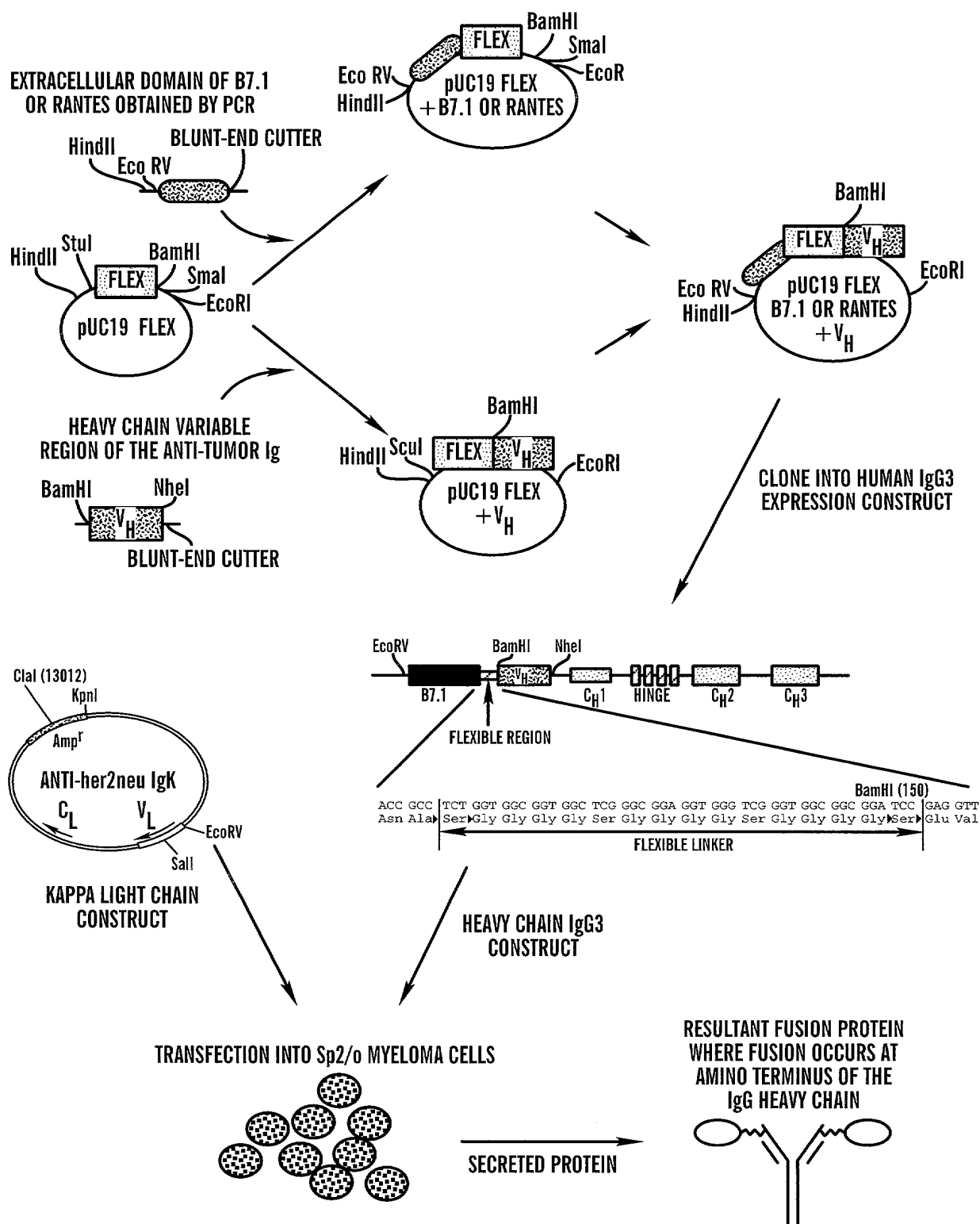


FIG. 2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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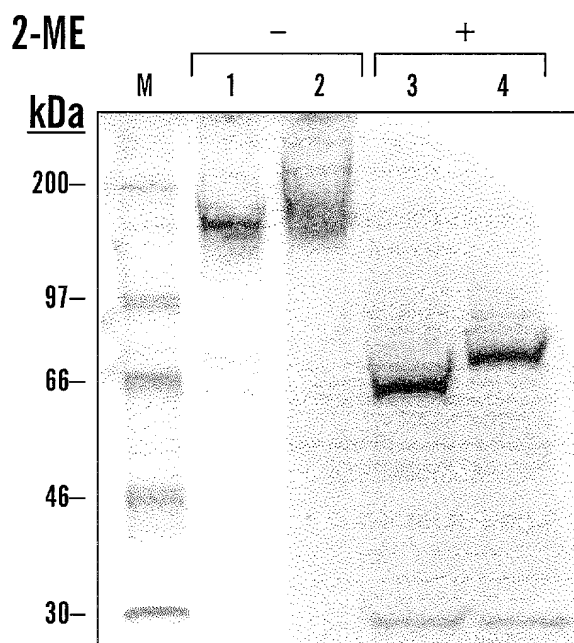


FIG. 4A

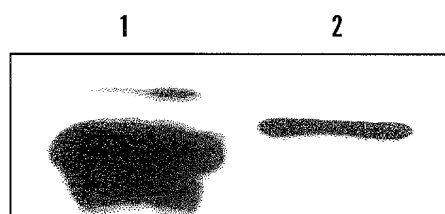


FIG. 4B

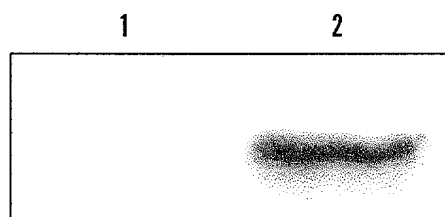


FIG. 4C

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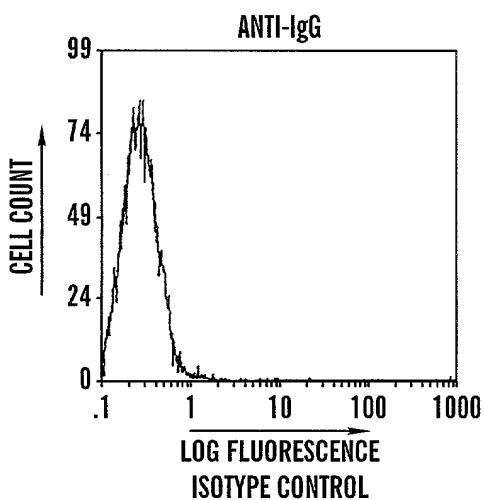


FIG. 5A

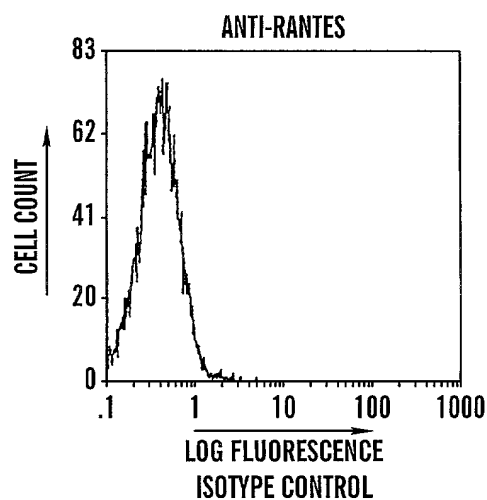


FIG. 5D

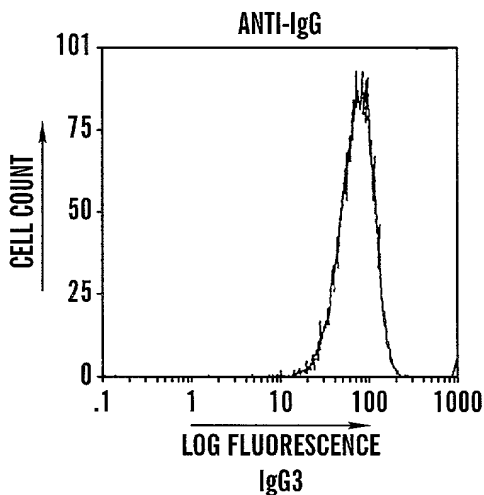


FIG. 5B

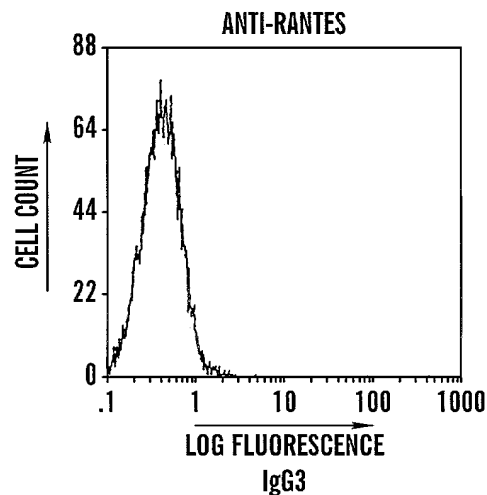


FIG. 5E

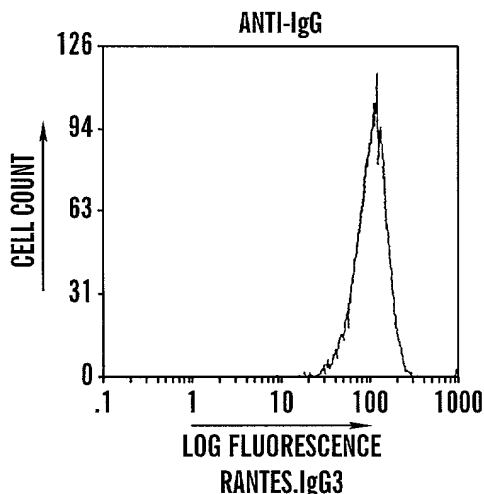


FIG. 5C

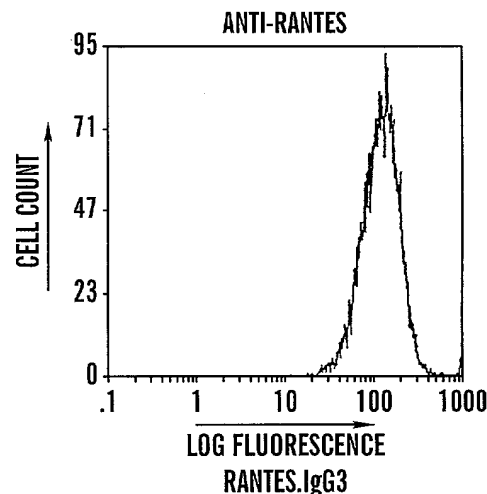


FIG. 5F

APPROVED	O.G. FIG.	
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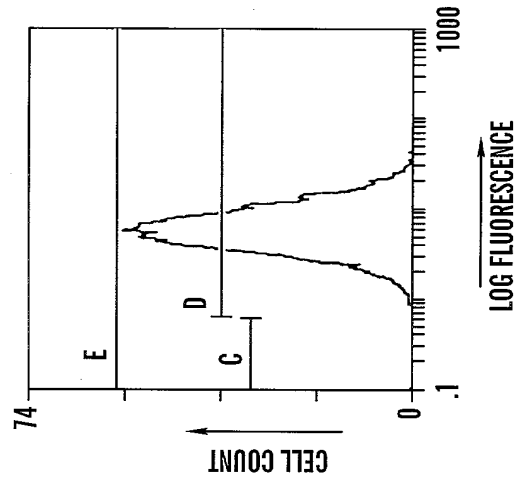


FIG. 5H

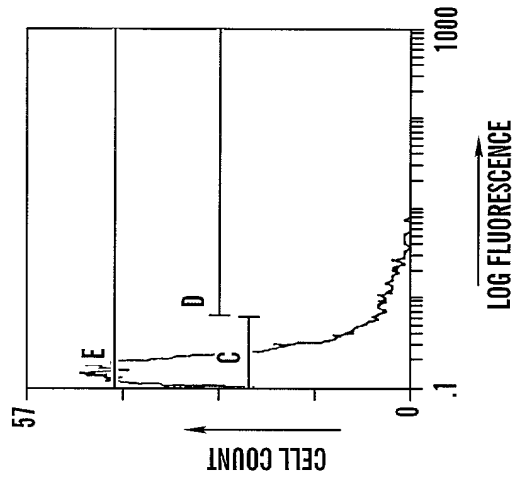


FIG. 5G

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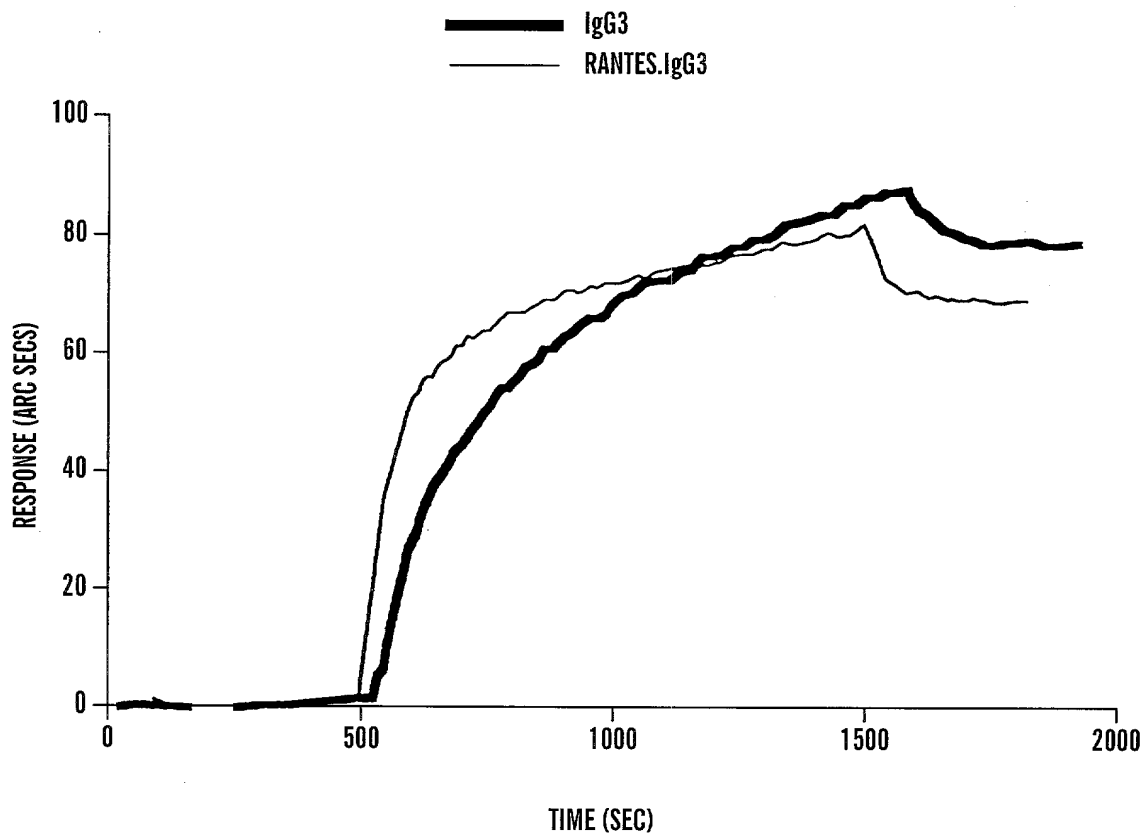


FIG. 6A

	k_a ($M^{-1} s^{-1}$)	k_d (s^{-1})	k_D (M)
IgG3	147867	0.007	7.0×10^{-8}
RANTES.IgG3	153538	0.0082	5.3×10^{-8}

FIG. 6B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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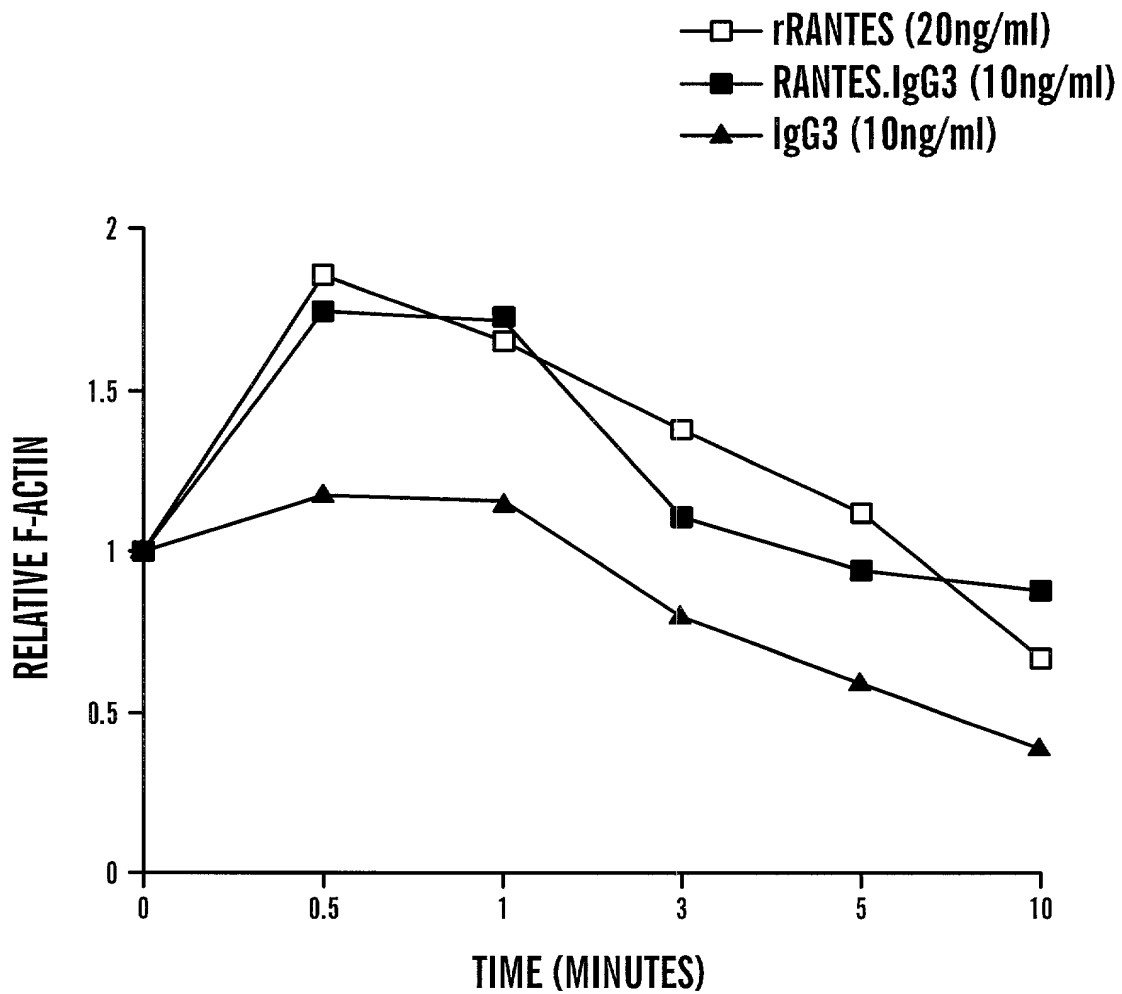


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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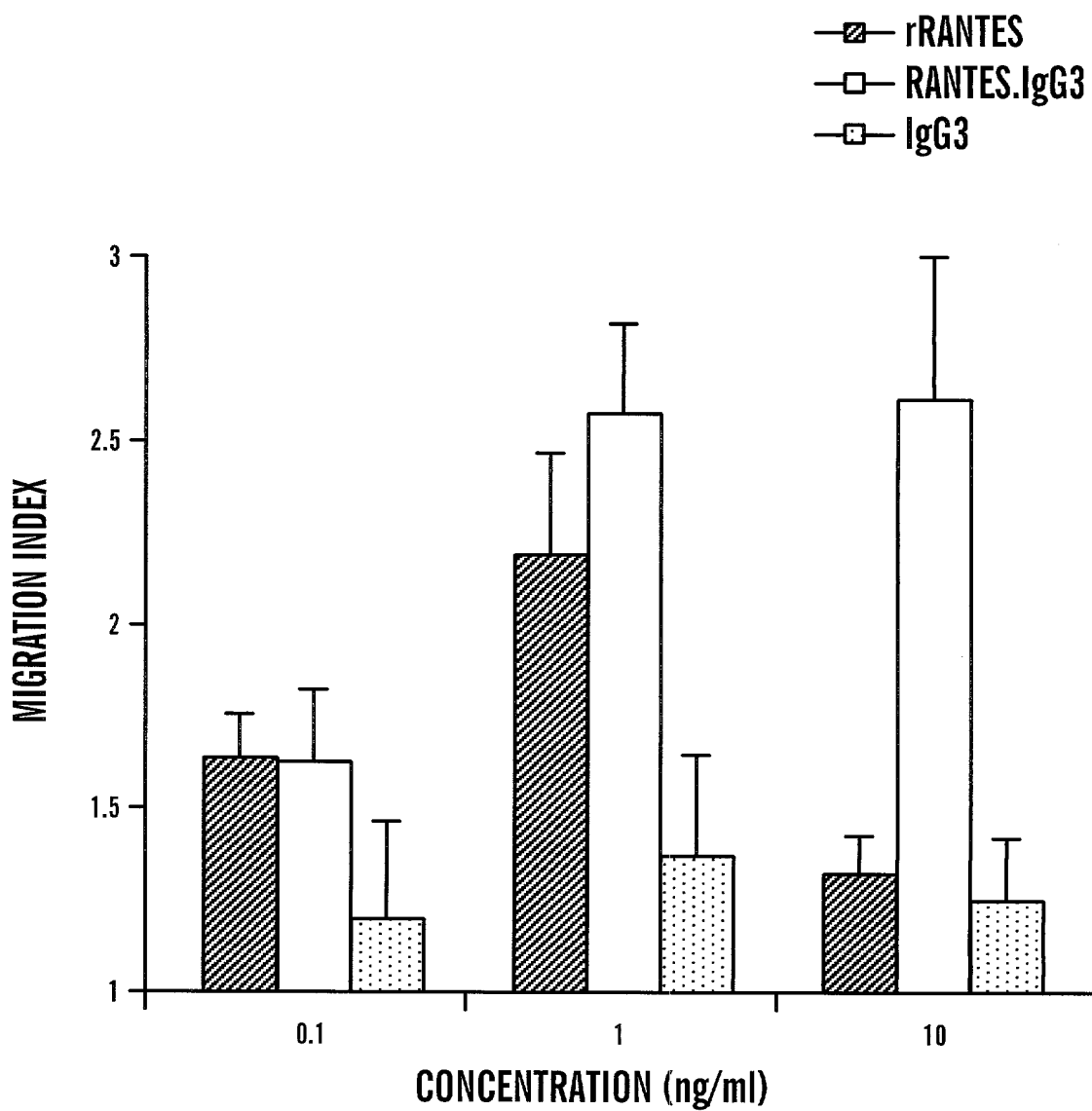


FIG. 8

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
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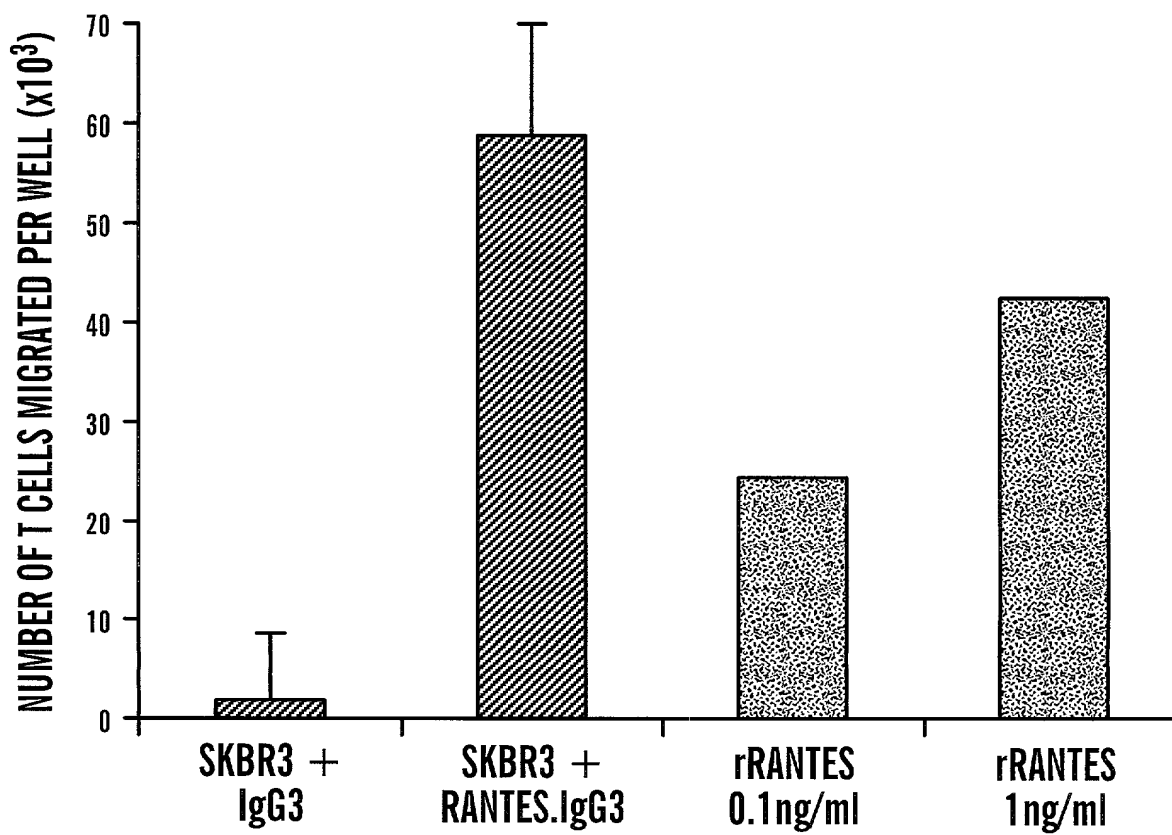


FIG. 9

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SECRETED ANTIBODY
H₂L₂ FORM

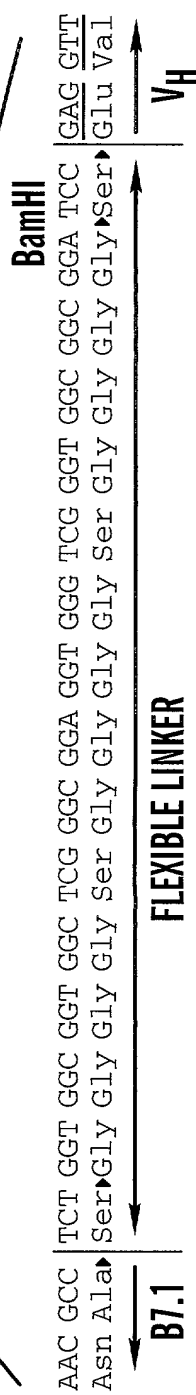
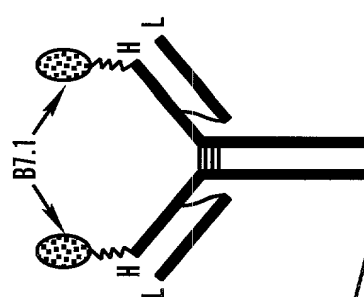
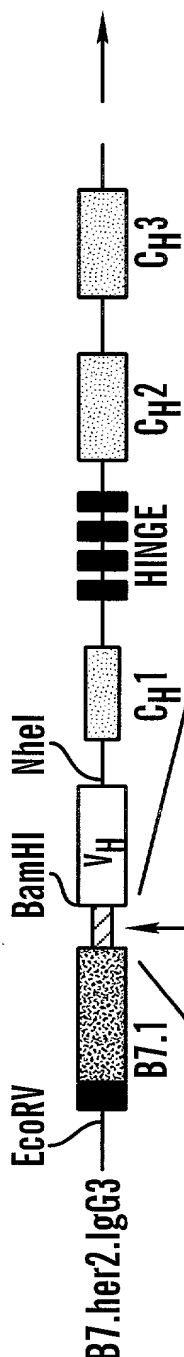
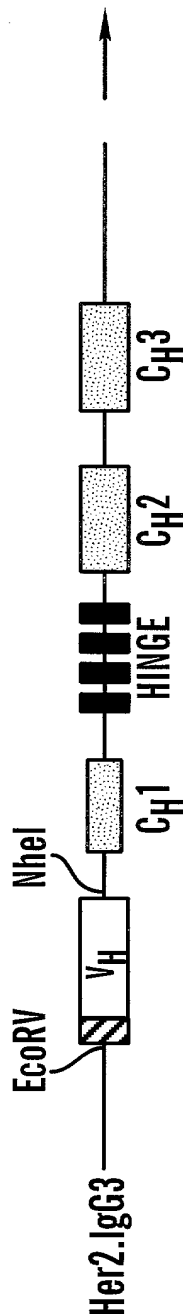
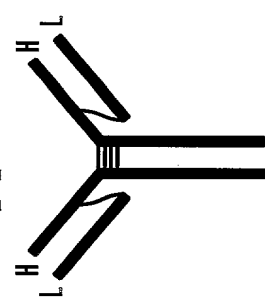


FIG. 10

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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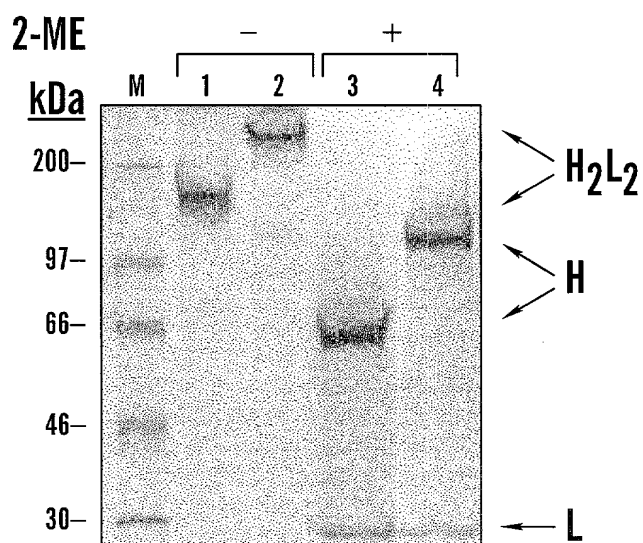
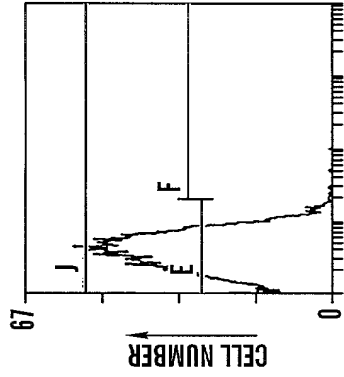
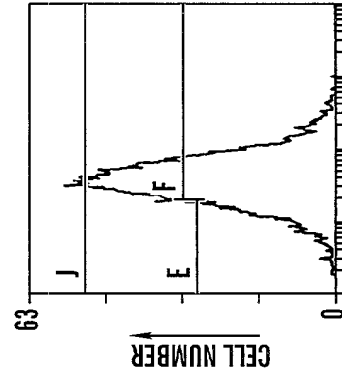


FIG. 11

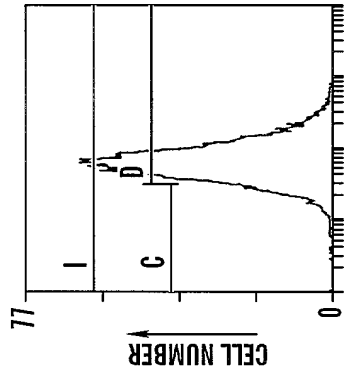
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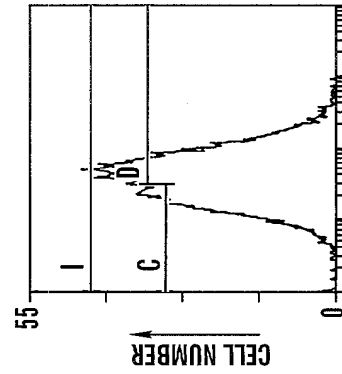
RELATIVE FLUORESCENCE
FIG. 12C



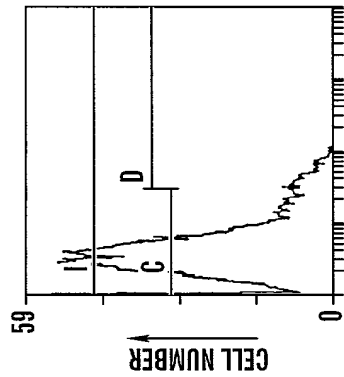
RELATIVE FLUORESCENCE
FIG. 12F



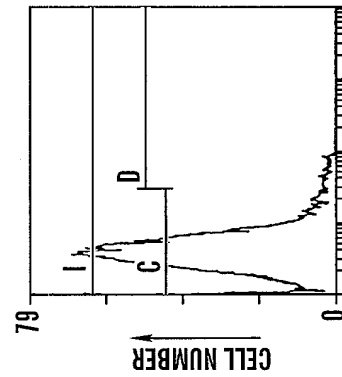
RELATIVE FLUORESCENCE
FIG. 12B



RELATIVE FLUORESCENCE
FIG. 12E



RELATIVE FLUORESCENCE
FIG. 12A



RELATIVE FLUORESCENCE
FIG. 12D

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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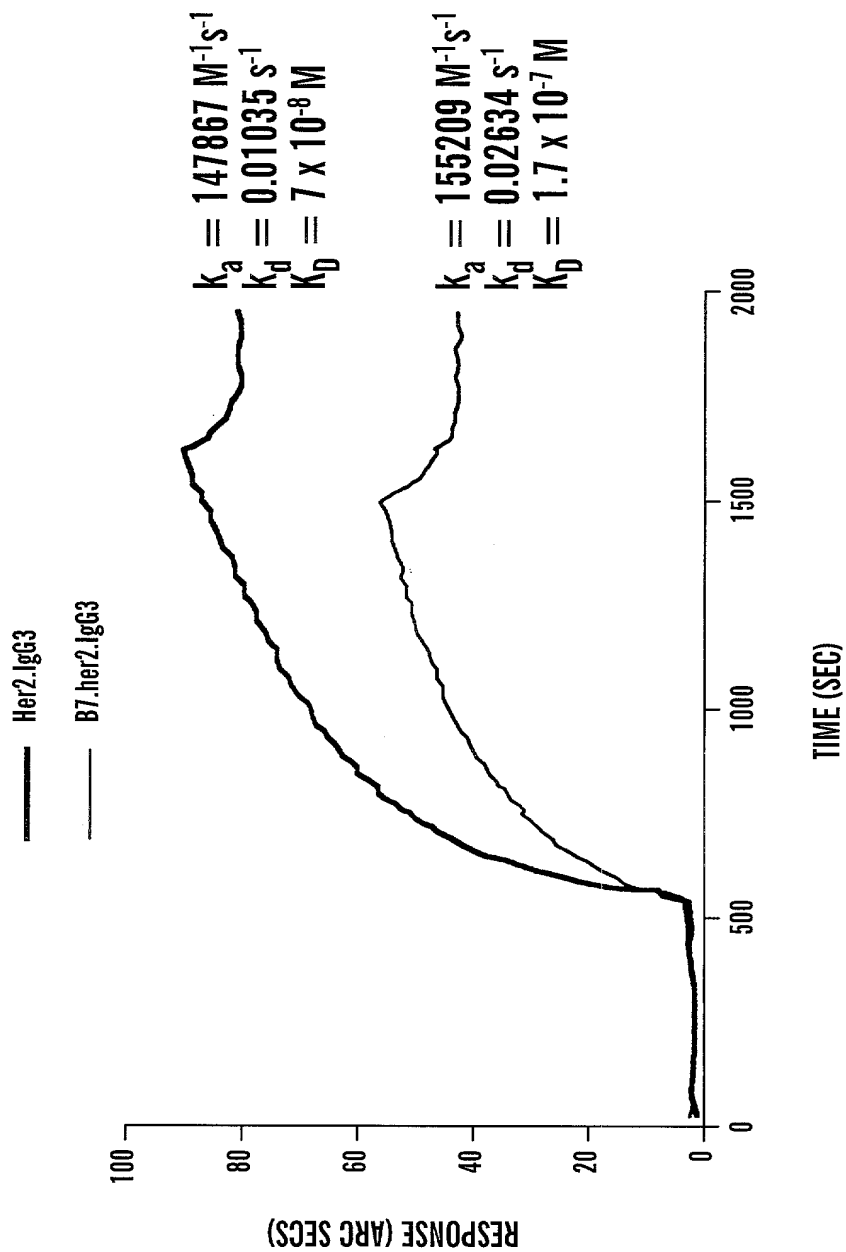


FIG. 13

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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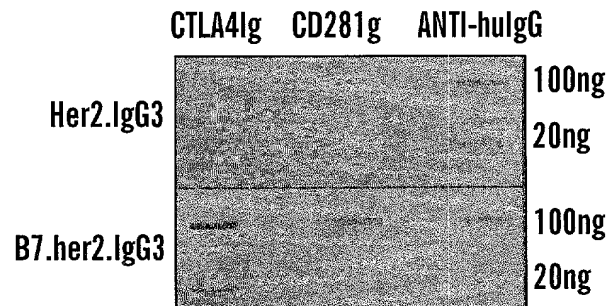
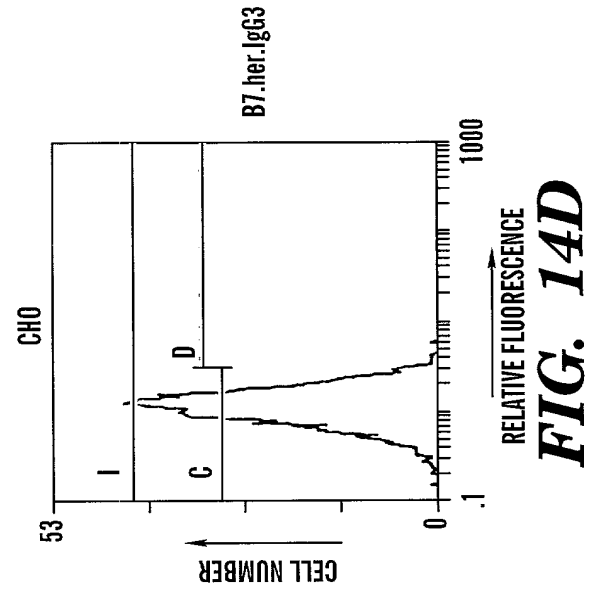
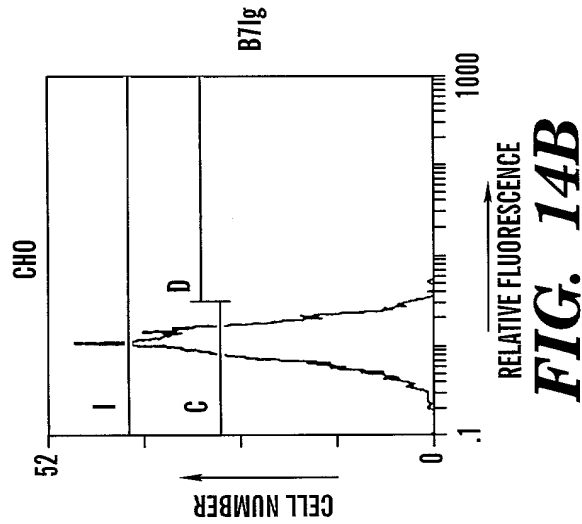
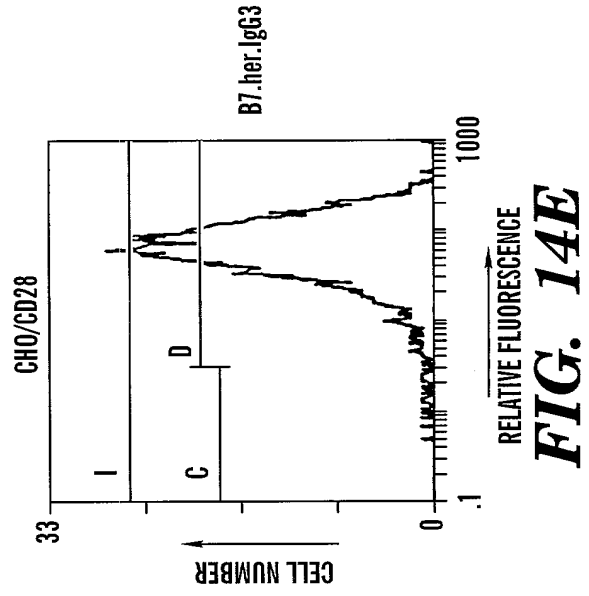
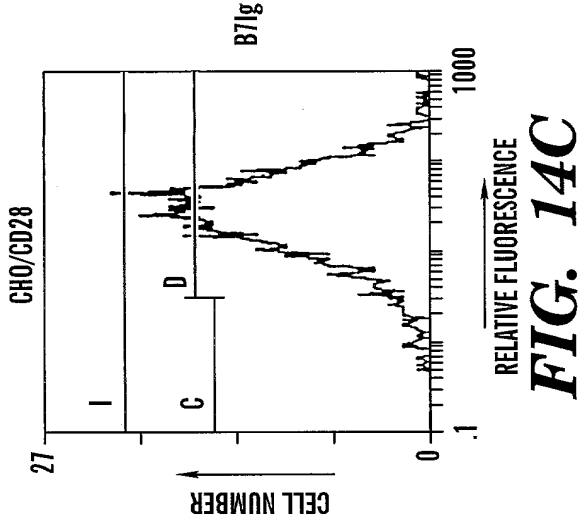
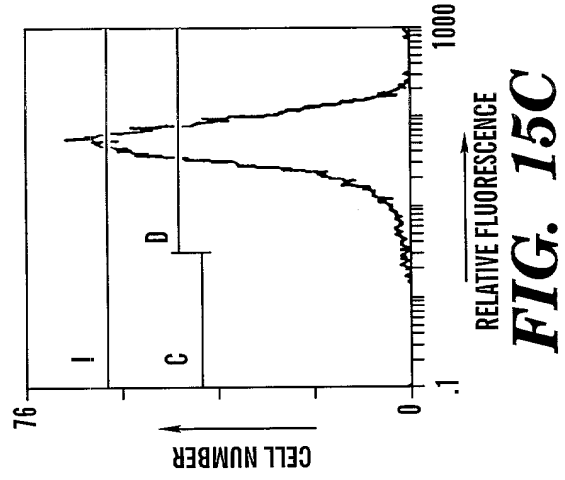
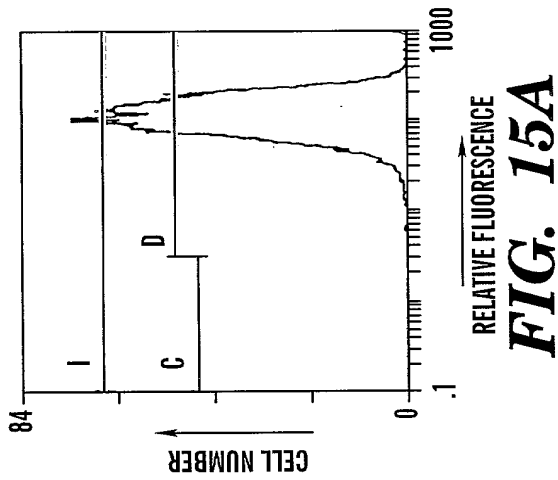
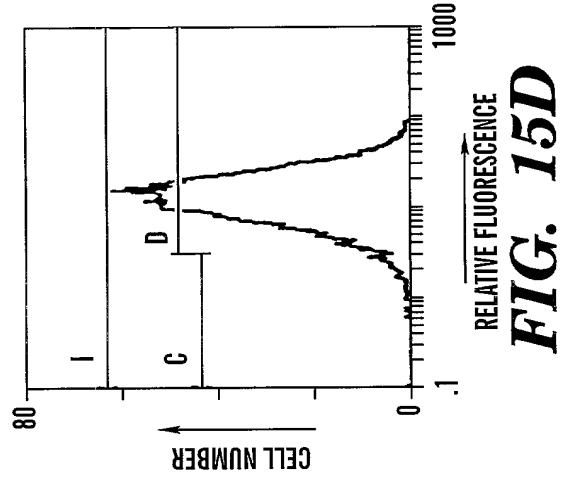
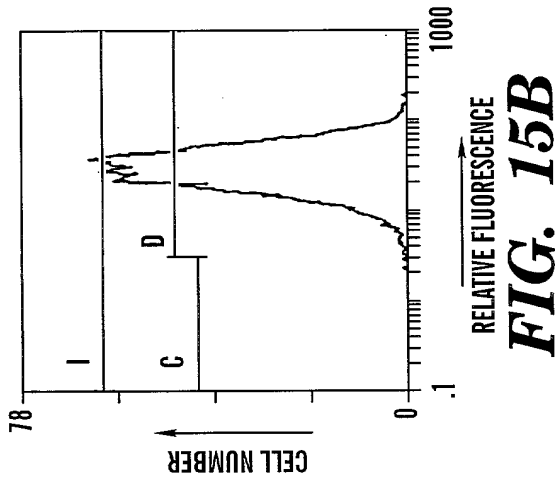


FIG. 14A

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APPROVED	O.G. FIG.	
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—○— her2.IgG3
 —■— B7.her2.IgG3
 —●— ISOTYPE CONTROL

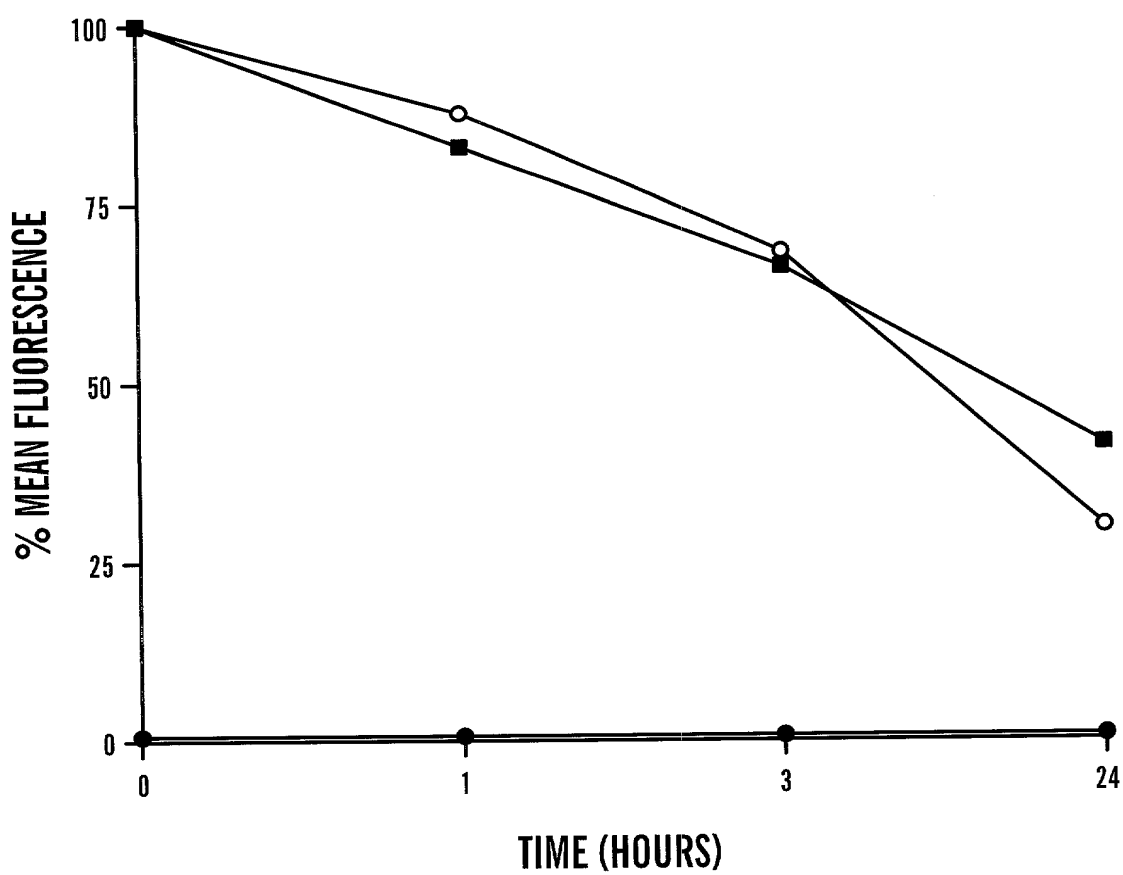
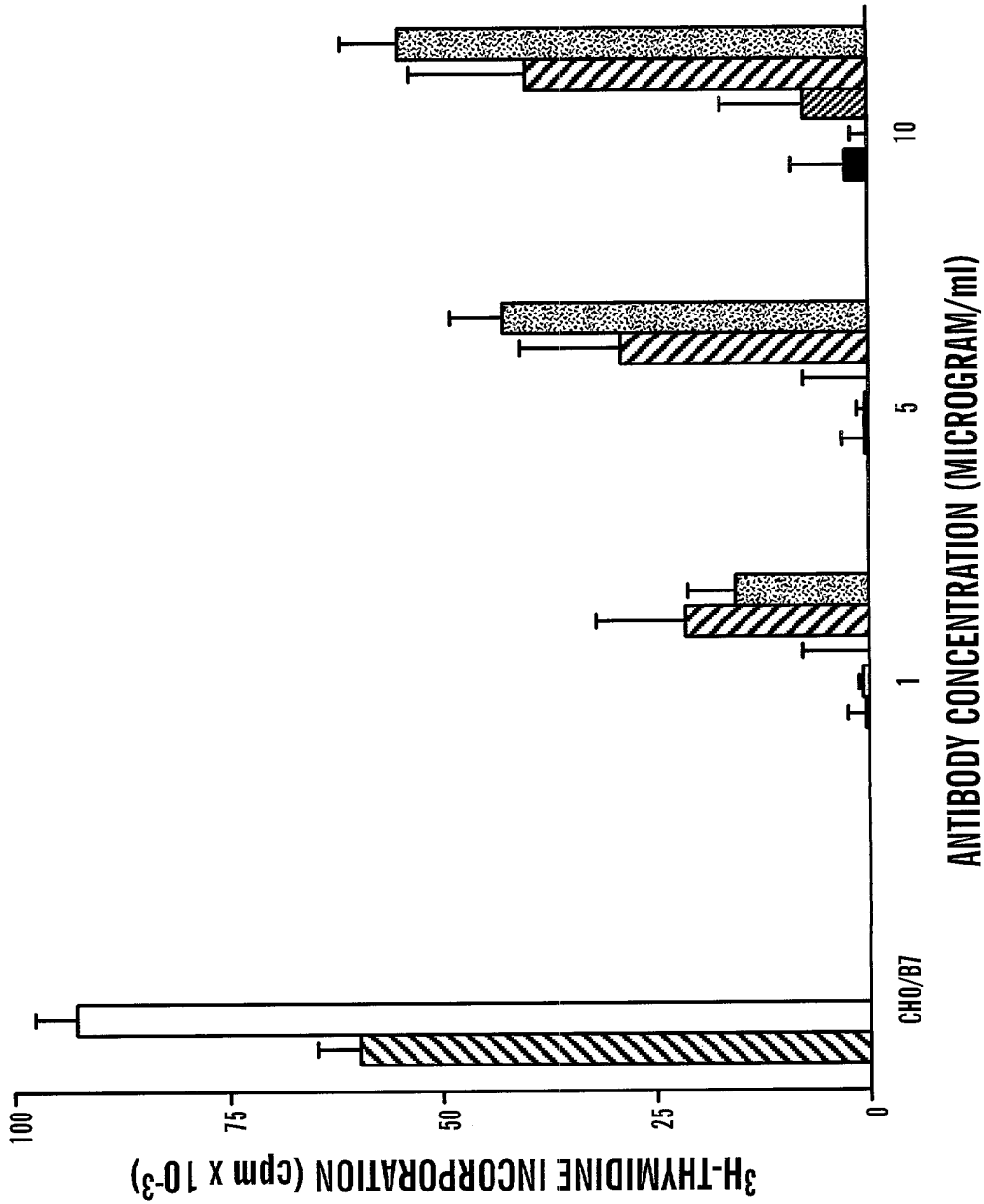


FIG. 15E

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- CHO/B7 (DONOR A)
- CHO/B7 (DONOR B)
- CHO/Her2 + IgG3 (DONOR A)
- CHO/Her2 + IgG3 (DONOR B)
- CHO + B7.IgG3 (DONOR A)
- CHO/Her2 + B7.IgG3 (DONOR A)
- CHO/Her2 + B7.IgG3 (DONOR B)

FIG. 16



APPROVED	O.G. FIG.	
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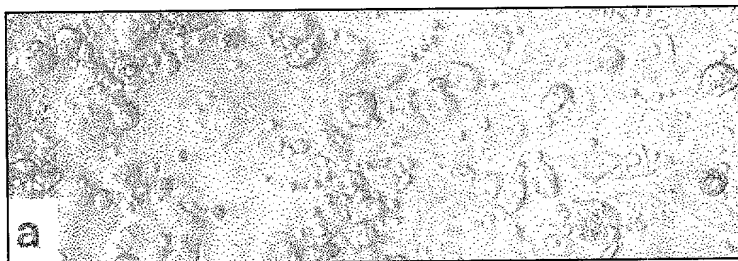


FIG. 17A

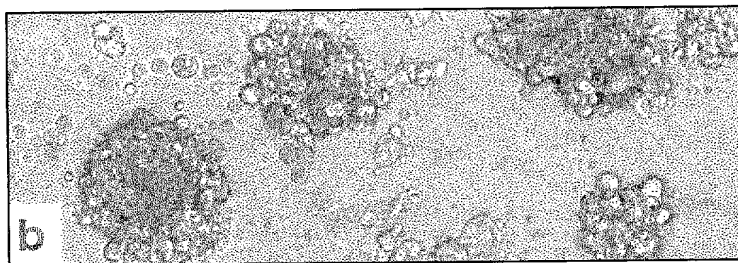


FIG. 17B

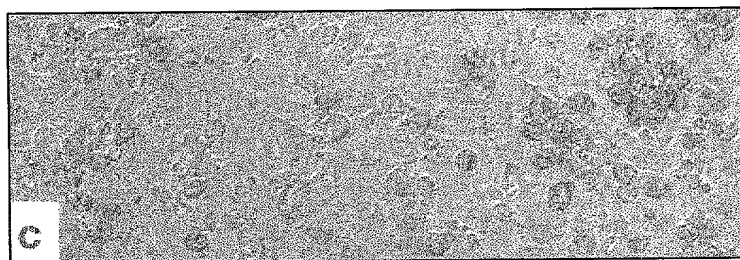


FIG. 17C

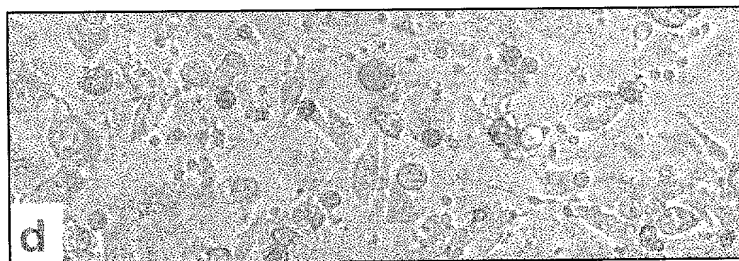


FIG. 17D

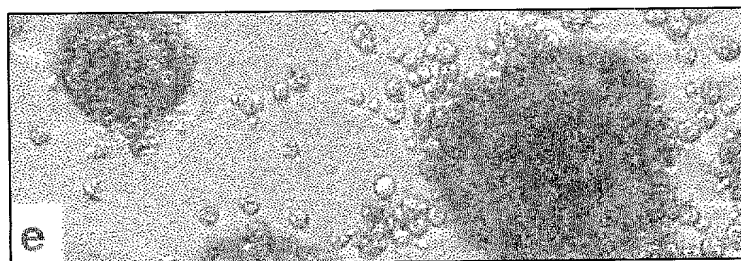


FIG. 17E

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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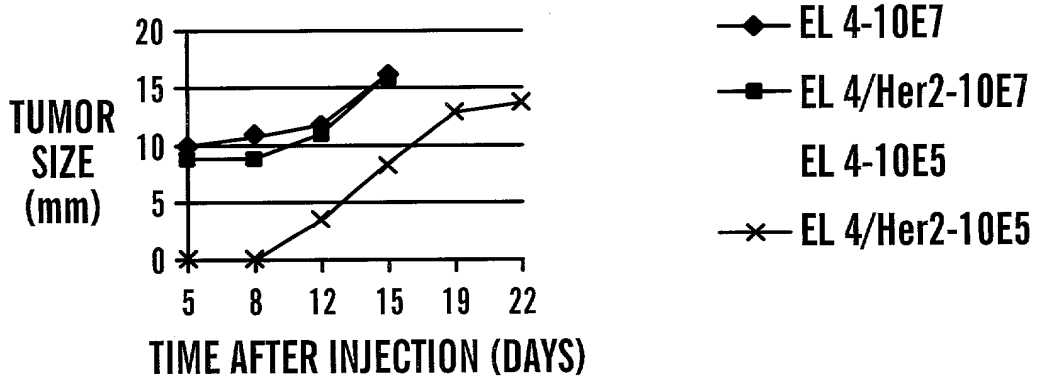


FIG. 18A

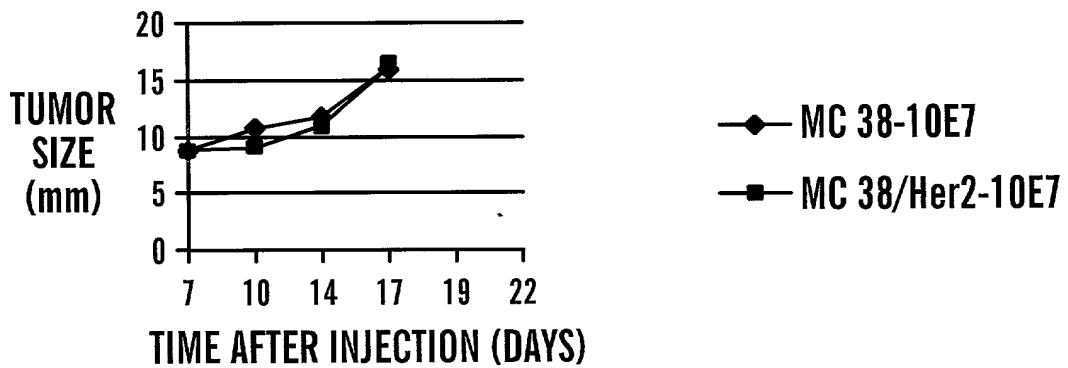


FIG. 18B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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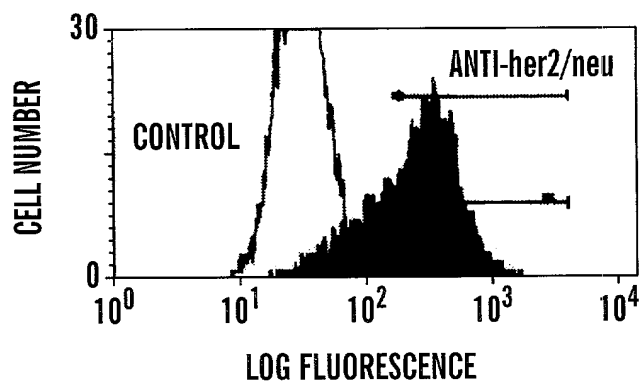


FIG. 19A

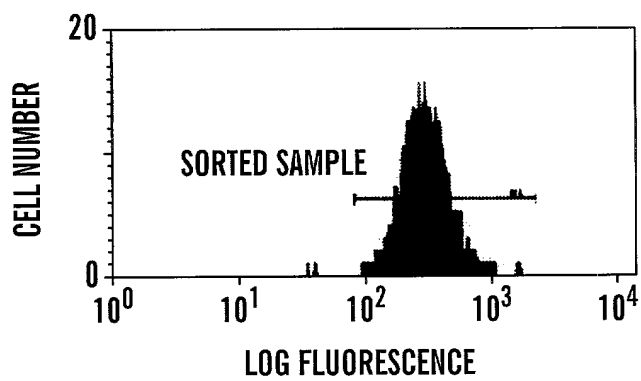


FIG. 19B